

Application No.: 10/550,778
Amendment and Response dated February 16, 2010
Reply to Office Action of October 14, 2009
Docket No.: 753-54 PCT/US
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Amendments to the Specification:

Please amend the abstract as follows:

Template-fixed β-hairpin peptidomimetics of the General Formula (I); wherein Z¹ and Z² are template-fixed chains of 4 or 6 or 5 and 7 α-amino acid residues which, depending on their positions in the chain are Gly, or Pro, or of certain types which, as the remaining symbols in the above formula, are defined in the description and the claims; and salts thereof, have the property to prevent or to reduce HIV infections or to inhibit the growth of cancer cells or to inhibit inflammation. They have CXCR4-antagonizing properties and can be used as medicaments to treat or prevent HIV infections and/or cancer or inflammatory disorders. These β-sheet peptidomimetics can be manufactured by a process which is based on a mixed solid- and solution phase synthetic strategy.

Please also amend the specification at Table 1 with regard to SEQ ID NO:1 at P1` to replace “Arg” with --Lys-- as follows:

Table 1: Examples 1-6, n = 4, n' = 6

Example	SeqID	P6'	P5'	P4'	P3'	P2'	P1'	Template	P1	P2	P3	P4	RT	Purity% ^a [M + H]/2	
1	SEQ ID NO:1	Arg	Arg	2-Nal	Cys	Tyr	Arg-Lys	D _b Lys ^b Pro	Tyr	Cit	Cys	Arg-NH ₂	3.75	98	862.6
2	SEQ ID NO:2	Arg	Arg	2-Nal	Cys	Tyr	Lys	D _b Lys ^b Pro	Tyr	Cit	Cys	Arg-NH ₂	3.87	96	876.3
3	SEQ ID NO:3	Arg	Arg	2-Nal	Cys	Tyr	Lys	D _b Lys ^b Pro	Arg	Cit	Cys	Arg-NH ₂	3.28	97	858.4
4	SEQ ID NO:4	Arg	Arg	2-Nal	Cys	Tyr	Lys	D _b Pro ^b Pro	Tyr	Arg	Cys	Arg-NH ₂	4.62	100	845.9
5	SEQ ID NO:5	Arg	Arg	2-Nal	Cys	Tyr	Arg	D _b Pro ^b Pro	Tyr	Arg	Cys	Arg-NH ₂	4.83	98	860.0
6	SEQ ID NO:6	Arg	Arg	2-Nal	Cys	Tyr	Arg	D _b Lys ^b Pro	Tyr	Cit	Cys	Arg-NH ₂	4.10	96	875.9

a) % purity of compounds after prep. HPLC.
 cysteines at position P3' and P3 are linked by a disulfide bridge